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CENTRAL INTELLIGENCE AGENCY REPORT  
 INFORMATION FROM CD NO. [ ]  
 FOREIGN DOCUMENTS OR RADIO BROADCASTS

COUNTRY Bulgaria  
 SUBJECT Scientific - Biographic  
 HOW PUBLISHED Daily newspaper  
 WHERE PUBLISHED Sofia  
 DATE PUBLISHED 24 May 1951  
 LANGUAGE Bulgarian  
 DATE OF INFORMATION 1951  
 DATE DIST. 23 Aug 1951  
 NO. OF PAGES 3  
 SUPPLEMENT TO REPORT NO.

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LISTS DIMITROV PRIZES FOR SCIENTIFIC ACHIEVEMENTS IN 1950

A. PHYSICS AND THE MATHEMATICAL SCIENCES

First Prize of 400,000 Leva

1. Professor Ivan Angelov Tsenov, for his extensive scientific work during 1950 in the field of generalized mechanics and especially for his work on the equilibria of the movements of holomorphic systems.
2. Docent-Doctor Lyubomir Krustanov Krustanov, for his scientific achievements, published in 1950, explaining the condensation processes in the atmosphere, and for his work on the enlargement and evaporation of droplets.

Second Prize of 200,000 Leva

1. Docent Asen Borisov Datsev, for his scientific achievements in 1950 in developing Stefan's equation with respect to heat-conductivity.
2. Docent-Doctor Lyubomir Iliev Georgiev, for his scientific achievements in 1950 in the field of schlicht functions.

B. MEDICAL SCIENCE

First Prize of 400,000 Leva

1. Professor Atanas Stoyanov Todorov, for his extensive scientific research work in the field of forensic medicine and for his activity in establishing the Bulgarian Health Organization.
2. Professor-Doctor Stoyan Kirkov Kirkovich, for his extensive clinical and scientific research in the field of internal medicine.

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Second Prize of 200,000 Leva

1. Professor-Doctor Asen Ivanov Khadzhiolov, for his scientific work, The Basis of Hematology, published in 1950, and for his extensive scientific research in the fields of cytology, histology, and embryology.

## C. AGRICULTURAL SCIENCE

Second Prize of 200,000 Leva

1. Professor-Doctor Ignat Igov Emanuilov, for his scientific work Bacterial Proteases and Their Application in Cheese-Making, published in 1950, and for his scientific research in the field of the hygiene and technology of animal foodstuffs.

2. Professor-Doctor Pavel Popov Mindorovski, for his scientific works, published in 1950, on sesame seeds and spring planting of potatoes, as well as for his scientific research in the field of plant-growing.

Third Prize of 100,000 Leva

1. Regular Docent-Doctor Kiril Tsochev Bratanov, for his scientific works, published in 1950, on the artificial insemination of domestic animals, on applied zoology, and on the physiology of reproduction.

## D. TECHNICAL SCIENCES

First Prize of 400,000 Leva

Professor-Engineer Aleksii Mikhaylov Kwartirnikov, for his extensive work in the field of engineering and technology, and for his achievements in the field of reinforced concrete construction.

Second Prize of 200,000 Leva

1. Professor-Engineer Angel Tonchev Balevski, for his extensive engineering and technical work in the field of machine design and metallurgy.

2. Engineer Georgi Gichev, for his work on the winter construction of the Vasil Kolarov Dam during 1948 - 1949, and for his extensive work in the field of the construction of public buildings.

3. Architect Pencho Genchev Koychev, for his extensive designs and actual construction work in the field of the construction of public buildings in Sofia and the provinces.

4. Engineer Tsvetan Lazarov Lazarov, for his achievements in the field of aircraft design in Bulgaria.

Third Prize of 100,000 Leva

1. Engineer Georgi Sotyanov Lisichkov, for his extensive work in the field of water supply for inhabited localities.

2. Architect Ivan Petrov Danchev, for his extensive designs and actual construction work in the field of the construction of public buildings.

3. Chemical Engineer Nedyu Slavov Delchev, for his invention in 1950 of a new kind of lacquer for the cans used in the canning industry, and for improvements in the production of mineral oils.

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4. Engineer Nikolay Stoyanov Beshkov, for his outstanding achievements in 1950 in the field of electrical engineering.
5. Construction-Technician Stefan Iliev Zlatarev, for his achievements in the field of railroad and tunnel construction.
6. Technician Tsan'o Antonov Todorov, for his extensive work in the field of interior decorating.

## E. INDUSTRY AND TRANSPORTATION

Second Prize of 200,000 Leva

1. Atanas Kirov, technical director of the "Izida" Enterprise, for increasing the resistance of insulators 20 times and for having surpassed the international resistance norm of 50 to 150,000 megohms. Insulators which he invented have a resistance of up to 750,000 megohms. He saved the national economy about 120 million leva in foreign exchange.

2. Engineer Georgi Khibaum Slavomirov, technical advisor in the "Verila" Enterprise, for rebuilding and mechanizing the refinery and for constructing a three-stage fractionating column for mineral oils.

3. Ardo Ardashes Berberyan, director of the "Dunavska Koprina" Factory in Ruse, for making improvements in the silk mill.

Third Prize of 100,000 Leva

1. Professor-Doctor Asen Dimitrov Katsarov, for constructing a multiple tobacco drill in 1950.

2. Georgi Kostov Georgiev, instructor at the "Khimicheska Industriya" (Chemical Industry) Enterprise in Sofia, in charge of the development of ultramarine production, for helping in the production of intermediates for aniline dyestuffs. By introducing ultramarine products, he saved 60 million leva in foreign exchange.

3. Milko Kirov Popov, director of the "Lev" Cement Factory in Pleven, for discovering a method of using anthracite in calcining cement, thereby increasing production 10 percent.

4. Milko Lalev Marinov, technical director of the "Georgi Dimitrov" Enterprise in Troyan, for constructing a circular saw for cutting plywood.

5. Pancho Kunchev Rankov, head of the machine shop of the Ruse shipyard, for lengthening by 8.40 meters a lathe for turning axles and rollers up to 12 meters long.

6. Engineer Dimitur Angelov Georgiev, for improvements made in the field of carbide production.

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